

IN THE CLAIMS::

1. **(Currently Amended)** A measuring device for acoustic measurement in an ear canal, the device comprising a probe for insertion into an ear canal in a sealing manner and having an opening for transport of air into or out of the ear canal, ~~the device further comprising and a~~ pump for providing a pressure difference in relation to a surrounding atmospheric pressure, the pump comprising a housing with openings for inlet and/or outlet, ~~where within the housing one of said openings being~~ operatively connected to the opening in the probe, a piston element having piezo electric properties ~~is disposed, where one opening in the~~ pump is operatively connected to the opening in the probe within the housing, and valve elements having piezo electric properties controlling the inlet and outlet openings.

2. **(Cancel).**

3. **(Currently Amended)** A measuring device according to claim 1, where the pump ~~is adapted to operate~~ operates at a frequency above 18 kHz, ~~preferably above 20 kHz.~~

4. **(Currently Amended)** A measuring device according to claim 1, ~~where including~~ control electronics ~~are provided for~~ controlling valve positions in relation to the piston movement in such a manner that in one mode of operation a pressure above the surrounding pressure may be obtained and in another mode of operation is pressure below the surrounding pressure may be obtained.

5. **(Currently Amended)** A measuring device according to claim 1, where including a pressure operated passive valve element is provided in connection with the pressurized parts of the device.

6.-7. **(Cancel)**.

8. **(New)** A measuring device according to claim 3, wherein said pump operates at a frequency above 20 kHz.